

WEST FORK TUCKASEGEE R BYPASS REACH ABV NPL THORPE PWRHOUSE@PHABSIM SITE 14:38 Friday, August 30, 2013  
 WEST FORK TUCKASEGEE RIVER @ DA=53.0MI^2 (35.23773 -83.12917)  
 PERIOD: 1/1/1967 TO 9/30/2006, WATERFALL SIMULATION, 70S LAND COVER W/ NO ALTS

		MONTH												
		ANNUAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MEAN		247.64	285.3	295.61	317.73	262.19	240.54	201.26	156.82	200.14	191.17	213.08	286.16	326.4
ST DEV		250.9	253.16	242.4	311.89	201.56	309.43	199.26	176	213.04	267.68	265.62	247.7	212.04
OBS		14518	1240	1130	1240	1200	1240	1200	1240	1240	1200	1209	1170	1209
MIN		73.589	139.85	125.97	120.41	80.471	91.516	76.937	73.589	113.88	79.017	108.3	153.13	187.32
PERCT 1		79.904	142.79	132.37	123.63	83.232	94.246	78.071	75.108	114.68	79.889	109.23	154.18	191.53
PERCT 5		88.106	155.71	139.49	128.44	93.77	98.757	82.449	77.879	116.96	82.585	114.38	161.44	197.48
PERCT 10		99.159	159.95	142.27	134.53	105.83	102.41	86.308	80.687	120.05	84.951	119.14	165.43	200.81
PERCT 25		130.89	171.36	150.63	154.1	136.42	125.72	108.6	87.317	126.06	91.375	125.76	179.6	209.55
MEDIAN		179.82	185.66	202.97	222.22	195.54	167.89	144.66	101.55	136.57	117.27	140.39	196.4	233.41
PERCT 75		292.18	351.16	365.99	405.6	329.28	278.38	230.61	172.73	185.81	194.88	203.53	306.97	389.93
PERCT 90		446.61	465.65	499.25	530.34	496.44	409.32	379.27	285.78	359.57	350.73	356.13	469.09	529.82
PERCT 95		546.85	547.19	637.16	631.33	587.08	494.21	464.94	392.16	447.04	456.02	478.97	609.1	638.38
PERCT 99		1163.1	1159.2	1281.8	1782.7	1129.6	1056.2	817.76	567.69	1049.5	1470.5	1259.3	1301.5	1230.7
MAX		6662	5542.2	2812.3	3919.3	2147.2	6662	3365.1	3549.1	4228.7	4597.1	5919.7	3339.6	2726.1
LN(7D)MEAN		1.9535	2.2718	2.2532	2.2497	2.1873	2.1252	2.0782	1.9956	2.0812	2.0374	2.0939	2.2242	2.3579
LN(7D)STD		0.0572	0.0718	0.113	0.1064	0.1444	0.1037	0.1258	0.118	0.1165	0.1201	0.108	0.0932	0.0843
LN(7D)SKEW		1.2449	1.0474	1.0311	0.2881	-0.123	0.0062	0.5514	1.6291	0.4588	0.8964	0.4725	-0.018	1.3895
7Q10		75.9	151.27	128.36	130.92	100.11	98.261	84.394	69.896	86.867	79.374	91.659	127.2	177.77

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		MONTH			
		DEC-MAR	APR-JUN	JUL-SEP	OCT-NOV
	MEAN	306.38	234.73	182.62	249.02
	ST DEV	258.48	244.33	222.31	259.5
	OBS	4819	3640	3680	2379
	MIN	120.41	76.937	73.589	108.3
	PERCT 1	126.42	80.58	76.637	109.89
	PERCT 5	139.49	87.708	81.288	118.91
	PERCT 10	146.27	97.706	84.887	123.84
	PERCT 25	173.56	122.94	94.805	139.6
	MEDIAN	218.89	166.87	128.09	182.85
	PERCT 75	379.04	282.88	184.27	249.32
	PERCT 90	500.42	431.43	331.08	427.57
	PERCT 95	616.74	515.73	441.85	561.8
	PERCT 99	1277.7	1052	913.83	1296
	MAX	5542.2	6662	4597.1	5919.7
	LN(7D)MEAN	2.1924	2.0513	1.9636	2.0935
	LN(7D)STD	0.0646	0.1049	0.0795	0.107
	LN(7D)SKEW	0.3891	0.3536	1.6245	0.4318
	7Q10	129.67	83.474	72.732	91.693